Naval Sea Logistics Center

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CDMD-OA/RAD
Development Priorities and Issues
FLSIC San Diego
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FY 01 Priorities

Order	Project Title
1	Fleet Firewall Compliance
2	MAMS Completion
3	Triple RIN Functionality and OMMS/NG Interface
4	IDPE to CDMD Interface (LPD-17)
5	Standup Central Atlantic Server
6	CDMD to ERP Interface
7	RADWEB Update
8	Revise Replication Program
9	Modify CDMD-OA to pass SLR H1 Records to OMMS/SNAP
10	Generate B & C Cards directly from WSF
11	Add CFCBI Functionality
12	Provide for CK Processing during SCN to OPS Transition
13	RADWEB New Architecture Development
14	Maintain ESWBS directly in CDMD-OA
15	XRIC Management

Fleet Firewall Policy

- July 99 initial version of Fleet Firewall Policy posted on web
- Msg 121957Z MAY 00 listed systems believed to be non-compliant with firewall policy
- Msg 290807Z APR 00 and 17052Z JUN 00 requested Identification of Program Managers non-compliant systems
- Msg 211137Z AUG 00 NMCI adopts firewall policy provided procedures for bring systems into compliance
- CNO Msg 011646Z FEB 01 repeats August msg in requesting non-compliant system information.

NSLC Concord provided all requested system information on CDMD-OA via message, memorandum, and FEDX

CDMD-OA Non-Compliance

- Systems/applications using Naval networks must comply or migrate toward compliance with firewall policy
- Recommended migration approach for non-compliant systems:

  ### Phase I - Identification

  Respond to msg by responding with system description and protocol information.

  ### Phase II - Planning

  Develop strategy for migrating to more secure infrastructure and operational processes

  ### Phase III - Implementation

  Procure and deploy required hardware/software. Migrate databases and processes

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Non-Compliant Protocols

- ### *FTP*

  Used by RAD (...RADFILE, RADCOM, and RADWEB) to move data files from ships to shore and by users and CDMD-OA servers to move data files between them. Administrator use FTP to deploy middle ware program updates to CDMD-OA remote serves.

- ### *Telnet*

  Used by administrators to troubleshoot process running on remote servers. Also used in conjunction with FTP to deploy program updates.

- ### *SQL*Net*

  Used by CDMD-OA users when communicating with CDMD-OA databases, by middleware programs when replicating remote server data to central repository. Used by administrators when troubleshooting and/or tuning databases.

- ### *NT Admin (Microsoft Ports)*

  Ports 137, 138, 139, and NetBios are used for NT remote administration of CDMD-OA and RAD servers.

Impact

- Remote administration will cease.
- ASI generation will cease.
- Replication up or down from Central server will cease.
- RAD mail flow between servers and between users will cease.
- Users access via CDMD-OA application will cease.
- ISEAs and others will loose ability to transmit a workfile on Central to CDMs.
- Database links will cease.

New Architecture Considerations

- Migrate all databases to Oracle 8.i.
  - This will allow Oracle advance security option, i.e., Secure SQL.
- Consolidate CDM remote servers into fewer regional servers located within NSLC domains.
- Apply VPN technology where warranted.
  - This would primarily be needed in support administrators.
- Control user access via Citrix application farms.

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